**1 Mono repo**

Analytics

Deploy

UI (remote)

API

DQCheck

Deploy

UI (remote)

API

Analyzers.Common

Shell

NPM libraries for sharing code between remotes.

Shared C# code

Configure multiple CI that will point to each folder to trigger.

Branches: 1

**Multi mono repo**

- Analytics

Deploy

UI

- Analytics UI

- Shell

API

- DQCheck

Deploy

UI (remote)

API

Each has its own CI/CD

Sharing code from shell project inside analytics, analytics should be deployed first.

If we need to add another application, we need to deploy analytics.

If we need to add shared code, we need to deploy analytics.

Branches: 2+

**Multi mono repo with separated repo for sharing code.**

- Analytics

Deploy

UI (remote)

API

- DQCheck

Deploy

UI (remote)

API

-Analyzers.Common

Shell

NPM libraries for sharing code between remotes.

Shared C# code

Each has its own CI/CD

Sharing code from Analyzers.Common

Branches: 3+

**Multi mono repo: multiple API repos**

- Analyzers UI

Deploy

Shell

Analytics

DQ Check

Shared UI Code

-Analytics API

Deploy

-DQCheck API

Deploy

Multiple angular projects in the same application, including the shell.

Sharing code in UI is easier, no need for external NPM library project.

UI repo can be big if adding multiple applications.

Branches: 3+